



**TOOELE
ARMY
DEPOT**

Interim Removal Action

Sanitary Landfill Solid Waste Management Unit 12/15 (TEAD-09) Tooele Army Depot, Tooele, Utah

Prepared for:

TOOELE ARMY DEPOT
Tooele, Utah

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MAY 2002

Interim Removal Action

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1. PURPOSE

This decision document describes the selected interim action for removal of soil and landfill debris from privately owned property adjacent to Solid Waste Management Unit (SWMU) 12/15 at Tooele Army Depot, Utah. Landfill debris was discovered off-site in the Fall of 2001 during investigative activities being conducted to define the aerial extent of SWMU 12/15. This action was chosen in accordance with the Resource Conservation and Recovery Act (RCRA) and section VII.E. of the Tooele Army Depot RCRA Post Closure Monitoring and Corrective Action Permit.

The Sanitary Landfill, SWMU 12/15 covers approximately 140 acres in the northeast section of Tooele Army Depot, adjacent to Tooele City. The landfill was active from the early 1940s through the early 1990s. From the early 1940s through the mid-1980s, access to the landfill was uncontrolled. During this time period, a wide variety of wastes, including hazardous wastes were disposed of at this site.

Investigations conducted at the landfill have determined that groundwater underlying the site has been contaminated with volatile organic compounds (VOCs). The predominant contaminant of concern identified in groundwater is trichloroethylene (TCE) at concentration over 800 ug/l. Soils within the landfill have been contaminated with metals, semi-volatile organic compounds (SVOCs), volatile organic compounds (VOCs) and pesticides at concentrations that pose an unacceptable risk to human health and the environment.

The selected action is to excavate soil and landfill debris from the privately owned property and place it within the boundaries of SWMU 12/15, where it will be covered with clean compacted soil. Confirmation samples will be collected from the excavation after removal of the debris to ensure that no residual contamination remains off-site that pose a risk to human health and the environment.

This interim action was developed by the Tooele Army Depot, with support from the Utah Department of Environmental Quality, Division of Solid and Hazardous Waste.

2. SITE RISK

Risk assessments were conducted on SWMU 12/15 during a Phase II RCRA Facilities Investigation (RFI) in accordance with Utah Administrative Code (UAC) R315-101. Contaminates identified at the site are at concentrations that pose an unacceptable risk to hypothetical future residents, construction workers, and ecological receptors. Removal of the debris is intended to eliminate any such risks on the privately owned property.

3. REMEDIAL ALTERNATIVES

The following actions were considered during the development of this decision document.

- 1) Excavation and Off-site Disposal of Soil and Debris
- 2) Excavation and Placement of Debris in SWMU 12/15
- 3) Extension of the SWMU 12/15 boundary onto the privately owned property, and imposing deed restrictions limiting the future use and development of the property.

The action selected, excavation and placement of debris in SWMU 12/15 was chosen as it eliminates any contamination and potential risk on the privately owned property, and can be completed utilizing standard construction equipment.

4. COMMUNITY INVOLVEMENT

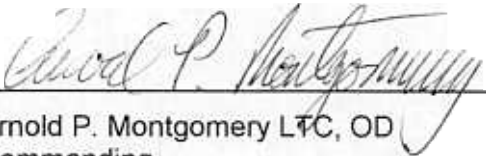
Tooele Army Depot's community involvement program is focused around quarterly Restoration Advisory Board (RAB) meetings. All restoration activities being conducted at Tooele Army Depot are presented at these meetings for review by the local community.

5. DECLARATION

The selected interim action is protective of human health and the environment, attains Federal and State requirements that applicable or relevant and appropriate to this action, and is cost effective. This action satisfies the statutory preference for remedies that reduce toxicity, mobility or volume as a principal element and utilizes permanent solutions to the maximum extent practicable.

6. APPROVAL

The action described in this decision document consists of the excavation and relocation of soil and landfill debris identified on privately owned property adjacent to SWMU 12/15 at Tooele Army Depot. The soil and debris will be excavated and consolidated in SWMU 12/15 at a total cost of \$30,457. The appropriate approval authority for this action is the Tooele Army Depot Installation Commander.



Arnold P. Montgomery LTC, OD
Commanding
Tooele Army Depot

23 May 02
Date